

Indian Agency - Window Rock
U. S. LAND OFFICE

SERIAL NUMBER 14-20-603-5023

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Amerada Petroleum Corporation Address Box 1469, Durango, Colorado
Lessor or Tract Navajo Tract #10 Field Wildcat
Well No. 1 Sec. 24 T. 30N R. 20W Meridian N.M.P.M. State New Mexico
Location 660' ft. N. of S Line and 660' ft. W. of E Line of Section 24 Elevation 5353

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed A. Drake H. A. Drake

Date 1/20/60 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling December 3, 1959 Finished drilling January 17, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Don't put a 0)

No. 1, from <u>None Encountered</u> to <u>None</u>	No. 4, from <u>None</u> to <u>None</u>
No. 2, from <u>None</u> to <u>None</u>	No. 5, from <u>None</u> to <u>None</u>
No. 3, from <u>None</u> to <u>None</u>	No. 6, from <u>None</u> to <u>None</u>

IMPORTANT WATER SANDS

No. 1, from None Encountered to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material See well history Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

January 17, 1980 Put to producing Plugged and Abandoned, 19

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>SEE BACK FOR FORMATION RECORD AND WELL HISTORY</u>			
<u>FINAL SCHUMBERGER TOPS (NADRA BY SECTION)</u>			
Greenhorn	415'	Cedar Mesa evaporites	4887'
Graneros	478'	Marmosa	5268'
Dakota	523'	Paradox Shale	5901'
Morrison	700'	Paradox "A"	5937'
Summerville	1562'	" "a"	6133'
Entrada	1728'	" "B"	6138'
Carmel	1803'	" "b"	6272'
Havajo	2002'	" "C"	6293'
Wingate	2202'	Lower Hermosa	6486'
Chinle	2540'	Line Ridge	6711'
Shinarump	3277'	Molas	6743'
Moencopie	3311'	Leadville	6834'
Haskins	3426'	Madison	6919'
DeChelly	3630'	Total Depth	6960'
Organ Rock	3862'		
Cedar Mesa	4393'		

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LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

The summary on this page is for the condition of the well as above dated _____
 This document is classified "Confidential"
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 for so far as can be determined from all available records.
 Signed _____
 Location _____
 Date _____
 Title _____

NO INFORMATION ON THIS MATTER

cement plugs spotted at the following listed depths:
 6960' to 6760' with 62 sacks cement
 6275' to 6225' with 20 sacks cement
 5350' to 6150' with 62 sacks cement
 3550' to 3475' with 25 sacks cement
 2600' to 2500' with 31 sacks cement
 765' to 665' with 31 sacks cement (1/2 in 10-3/4" & 1/2 in open hole)
 20' to 0' with 10 sacks cement to bottom of cellar.
 installed regulation dry hole marker in top of 10-3/4" casing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give the size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	72	72	Sand and Shale
72	218	218	Shale
218	476	476	Sand and Shale
476	529	529	Shale and Sand
529	572	572	Shale & Hd - Sand Stks.
572	626	626	Shale & Sand
626	716	716	Sand & Shale
716	720	720	Shale, Chert, & Sand
720	1075	1075	Shale & Sand
1075	1526	1526	Sand
1526	1662	1662	Sand and Shale
1662	2170	2170	Shale and Sand
2170	2532	2532	Sand and Shale
2532	3670	3670	Shale
3670	3975	3975	Shale and Sand
3975	4072	4072	Sand and Shale
4072	4088	4088	Shale and Sand
4088	4505	4505	Sand and Shale
4505	4617	4617	Sand, Shale, & Sandstone
4617	5416	5416	Sand & Shale
5416	5656	5656	Shale
5656	5517	5517	Shale & Lime
5517	5549	5549	Sand and Shale
5549	5602	5602	Shale, Lime & Chert
5602	5672	5672	Sand, Shale, Lime.
5672	5673	5673	Shale & Lime
5673	5755	5755	Lime and Shale
5755	5785	5785	Sand, shale, lime.
5785	5902	5902	Shale & Lime
5902	5965	5965	Sand & Shale
5965	5997	5997	Shale & Lime
5997	6013	6013	Shale, Lime and Chert
6013	6032	6032	Sand, shale & lime.
6032	6045	6045	Lime and Chert
6045	6067	6067	Shale & Chert
6067	6086	6086	Sand, Ch., Lime & Chert.
6086	6200	6200	Lime & Chert
6200	6210	6210	Shale & Chert
6210	6200	6200	Sand, shale & lime
6200	6333	6333	Lime.
6333	6411	6411	Shale & Lime
6411	6459	6459	Lime & Shale
6459	6485	6485	Shale & Lime
6485	6737	6737	Lime and Shale
6737	6792	6792	Lime, Shale & Chert
6792	6960	6960	Lime and Shale
6960			Total Depth